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**Part Number:** [1510350005](#)  
**Status:** **Active**  
**Overview:** EXTreme Guardian™ System  
**Description:** 11.00mm Pitch EXTreme Guardian™ Power Right-Angle Plug PCB Header, 2.36mm PCB Thickness, Gold Plated, 5 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-151035-0001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [151035](#)  
 Application Power, Wire-to-Board  
 Overview [EXTreme Guardian™ System](#)  
 Product Name EXTreme Guardian™  
 UPC 889056052917

**Physical**

Breakaway No  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 40.363/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.86mm  
 PCB Thickness - Recommended 2.36mm  
 Packaging Type Tray  
 Pitch - Mating Interface 11.00mm  
 Plating min - Mating 0.076µm  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 80.0A  
 Voltage - Maximum 600V AC/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
 Lead-free Process Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 001  
 Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[151035 Series](#)

**Mates With**

[68790](#) , [111119](#) Overmolded Cable Assembly

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